# INTRODUCTION

## Overview
A project about the ipl match analysis in this project we can cover the analysis on winner team, winner of the match, top score teams, or more problems solve with visualizations

## Purpose
particular this project will be selected because of interested on sports so we can enhance my visualization on particular and more effective way or reliable

# LITERITICAL SERVEY

## Existing problem
In this project are many problems are given on instructions like
1. To find the team that won the most number of matches in the entire IPL.
2. To find the team that lost the most number of matches in the entire IPL.
3. Does winning a toss increase the chances of victory.
4. To find the player with the most player of the match awards.
5. To find the city that hosted the maximum number of IPL matches.
6. To find the most winning team for each season.
7. To find the on-field umpire with the maximum number of IPL matches.
8. To find the biggest victories in IPL while defending a total and while chasing a total.
9. Which team won the most matches while batting first.
10. Which team won the most matches while batting second.
11. List of teams which have won matches by most runs cumulatively

## Proposed solution
I am analysis one by one problems on depth and raw data of the columns are the selected on the particular question solutions

To solve the questions to trying to different diffident columns and rows to visualize output if the raw output succeed to our current output than this is final output

now I am working on solving some scenario to visualize the questions and outputs are good accuracy results

## THEORITICAL ANALYSIS

### Hardware / Software Designing
In project we can requirement of good internet connectivity , IBM account , IBM Cognos Analytics Account , IBM Watson Studio

## EXPERIMENTAL INVESTIGATIONS

In this project I can do work with  many experiment on make to calculated field on the new process but some thing not accurate results are showing so I can move back on the project questions and solutions to predict some on the basic of require of data
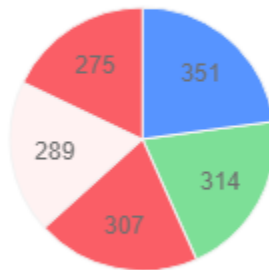
## RESULT
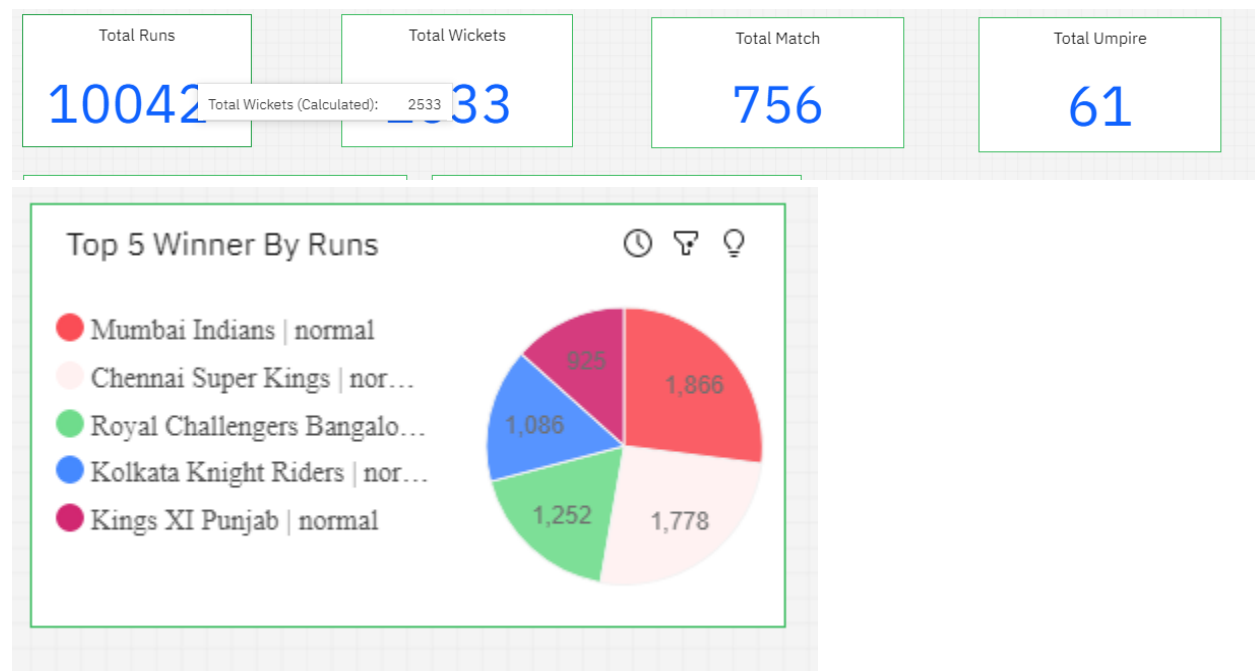
## Top 5 Winner By Wickets

- 🔵 Kolkata Knight Riders | nor…
- 🟢 Royal Challengers Bangalor…
- 🔴 Mumbai Indians | normal
- ⚪ Chennai Super Kings | normal
- 🔴 Delhi Daredevils | normal

275 | 351 | 314 | 307 | 289

## maximum no of matches are play on city

city (Count distinct)
1
0

city
- 🔴 Mumbai
- 🟢 Kolkata
- 🩷 Delhi
- 🔴 Bangalore
- 🔵 Hyderabad

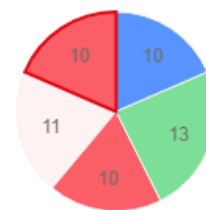## Top 5 Toss Won and Match Won by Runs

- 🔴 Mumbai Indians | normal
- ⚪ Chennai Super Kings | normal
- 🟢 Royal Challengers Bangalor…
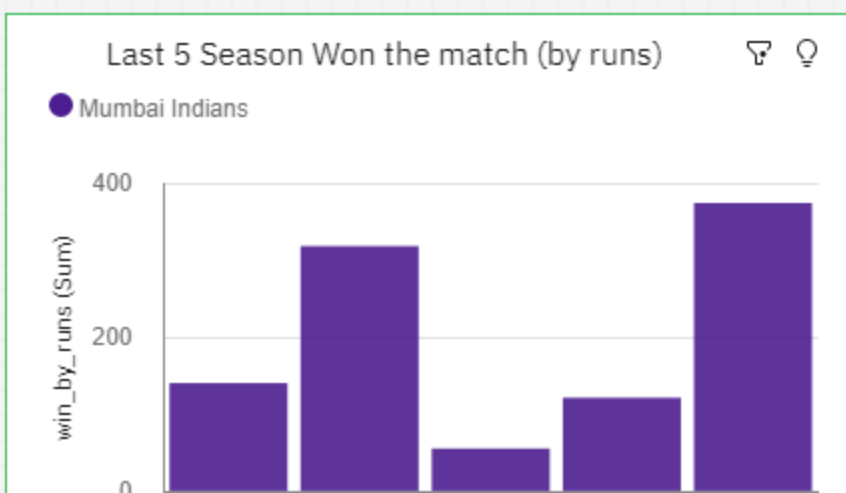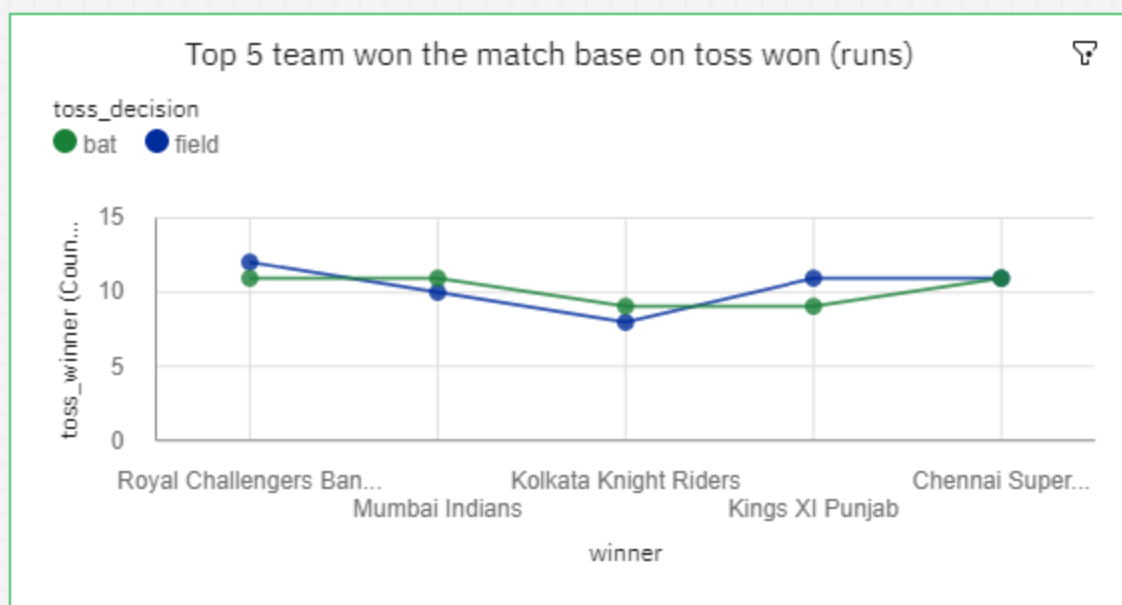- 🔵 Kolkata Knight Riders | nor…
- 🔴 Kings XI Punjab | normal
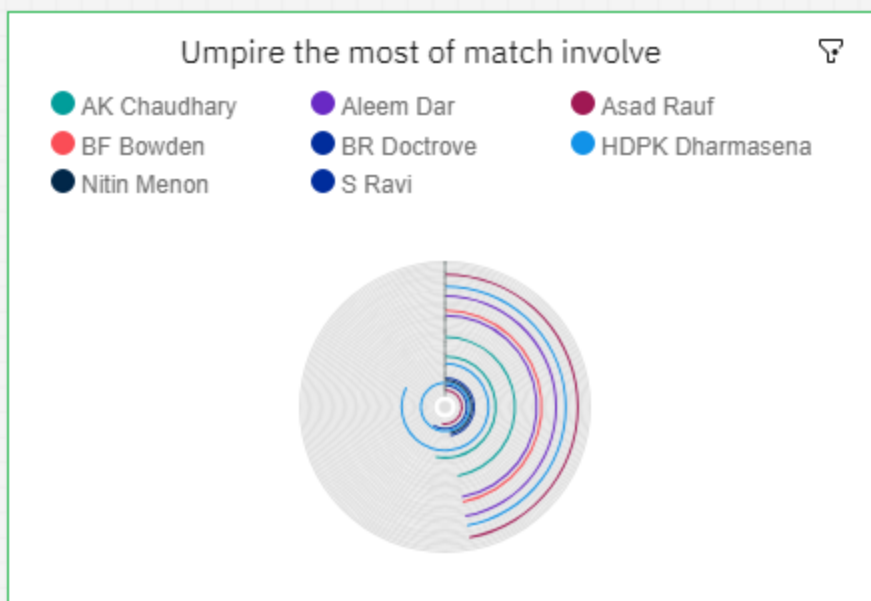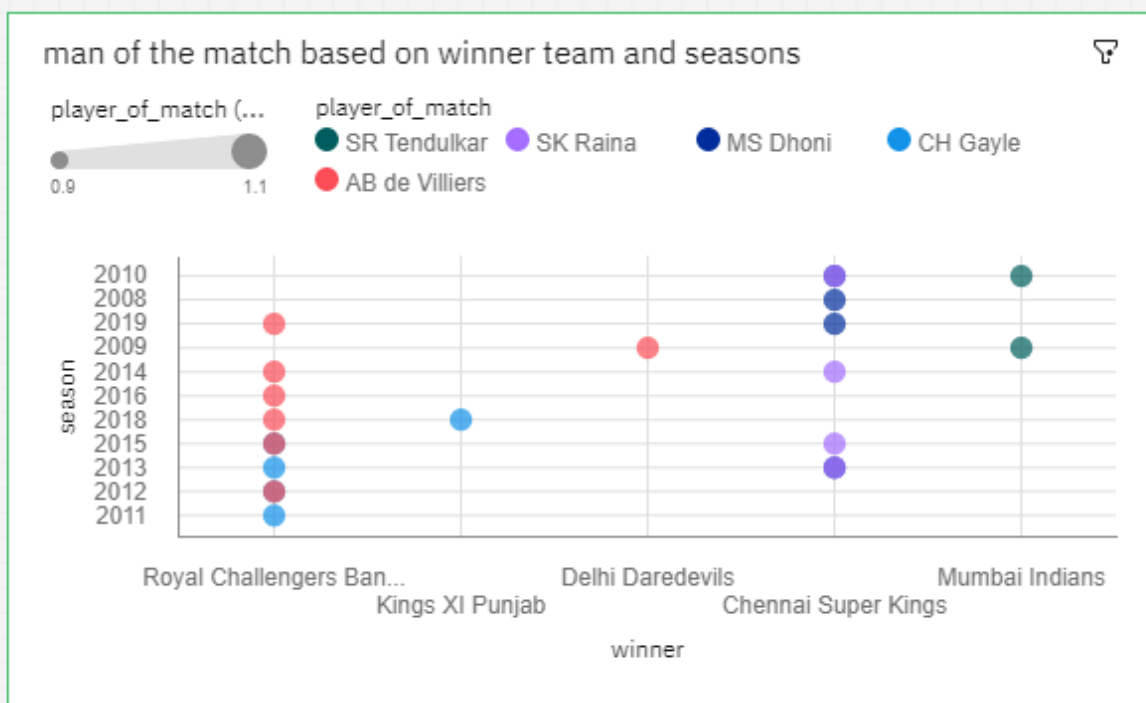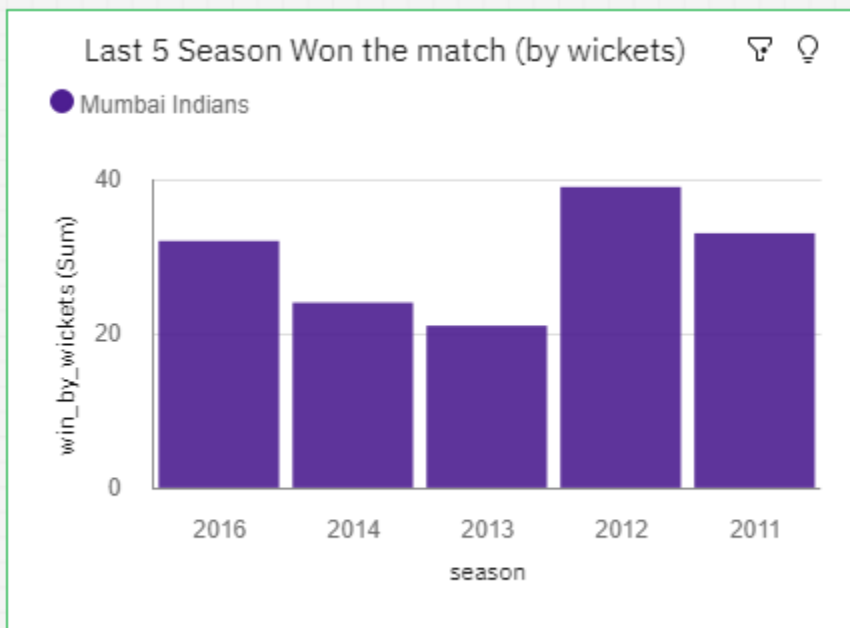
13 | 10 | 11 | 10 | 13

## Top 5 Toss Won and Match Won by Wickets

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10 | 10 | 13 | 10 | 11

## Umpire the most of match involve

- AK Chaudhary
- Aleem Dar
- Asad Rauf
- BF Bowden
- BR Doctrove
- HDPK Dharmasena
- Nitin Menon
- S Ravi

## Top 5 team won the match base on toss won (runs)

toss_decision
- bat
- field

toss_winner (Coun...

15

10

5

0

Royal Challengers Ban...          Kolkata Knight Riders          Chennai Super...
          Mumbai Indians                    Kings XI Punjab

winner

## Last 5 Season Won the match (by runs)

- Mumbai Indians

win_by_runs (Sum)

400

200

0

## Last 5 Season Won the match (by wickets)

● Mumbai Indians



## man of the match based on winner team and seasons

player_of_match (...

0.9    1.1

player_of_match
● SR Tendulkar  ● SK Raina  ● MS Dhoni  ● CH Gayle
● AB de Villiers

Top 5 team won the match base on toss won (wickets)

## ADVANTAGES & DISADVANTAGES

In this project many advantages to make sure of future match is which team is won and who has the match of the match any sports related visualization perform on this solutions basics of data them to work on it

To many affords to make on the project in initial level after the experience your is simple like you playing a game

## APPLICATIONS

I am using IBM Cognos Analytics for solutions you can also use IBM Watson Studio.

**CONCLUSION**

In the project we can many happy moments on trying to visualize something new on experiments and make the new through of to move next level of experience on the data science field.

Sports analyze to more enhancement of the visualize of working some periods to make sure the data of works and easily performs

**FUTURESCOPE**

In Data Analysis is emerging technology is the biggest opportunity for students to make career on this field

In the sports level more of the possibility to enhance the geographical experiments ,3d diagram to visualize, AR and VR is also possible on this field.

In now day data is important so the data handles on master way is require so is highly opportunity of careering of this fields.